

Converting Colors

YUV(173.4000, 30.3688,
12.8042)

Have a look what the booklet for
YUV(173.4000, 30.3688, 12.8042)
contains.

YUV(173.4000, 30.3688, 12.8042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.4000, 30.3688,
12.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9AEB
RGB	188, 154, 235
RGB Percent	74%, 60%, 92%
CMY	0.2627, 0.3961, 0.0784
CMYK	0.20, 0.34, 0.00, 0.08
HSL	265°, 67%, 76%
HSV	265°, 34%, 92%
XYZ	47.2900, 39.8007, 83.7871
YIQ	173.4000, -5.7370, 32.3990

Conversions

Conversions Part 2

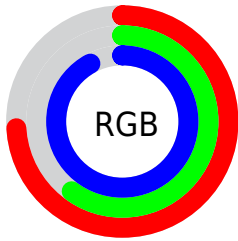
Format	Color
R _Y B	188, 154, 235
Decimal	12360427
CIE _{Lab}	69.33, 28.41, -36.16
CIE _{LCh}	69, 45.984, 308.156
Yxy	39.8007, 0.2767, 0.2329
Android (android.graphics.Color)	4290550507 (0xFFBC9AEB)
YUV	173.4000, 30.3688, 12.8042
Hunter-Lab	63.0878, 23.3982, -34.5818

Details

The YUV color $173.4000, 30.3688, 12.8042$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $215.6000, -30.3688, -12.8042$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.0080, 14.7861, 17.5330$, and $120.0470, 29.0638, 11.3598$ is the 20% darker color. If you saturate the color by 10%, you get $155.7130, 39.0885, 16.0377$, and if you desaturate by 10%, it is $191.6740, 21.3597, 9.0559$.

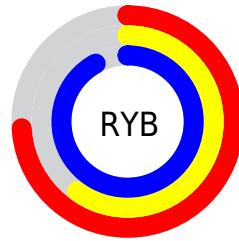
Distribution



Red (74%)

Green (60%)

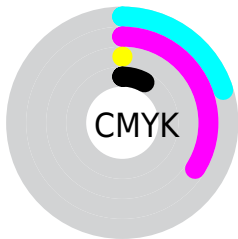
Blue (92%)



Red (74%)

Yellow (60%)

Blue (92%)

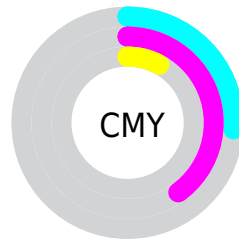


Cyan (20%)

Magenta (34%)

Yellow (0%)

Black (8%)



Cyan (26%)

Magenta (40%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.4000, 30.3688, 12.8042 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 173.4000, 30.3688, 12.8042 by changing the saturation by 10% instead.

173.4000, 30.3688,
12.8042

173.4000, 30.3688,
12.8042

255.0000, 0.0000,
0.0000

146.5740, 29.7900,
11.7746

225.0080, 14.7861,
17.5330

120.0470, 29.0638,
11.3598

244.4340, 5.2090,
9.2664

95.1070, 28.0482,
10.4302

70.8680, 27.1801,
8.8858

46.9280, 26.1645,
7.9561

24.3900, 25.4437,
5.7970

9.6300, 21.3814,

2.0785

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 173.4000, 30.3688,
12.8042

■ 173.4000, 30.3688,
12.8042

■ 155.7130, 39.0885,
16.0377

■ 191.6740, 21.3597,
9.0559

■ 137.7380, 47.9502,
20.4008

■ 209.0620, 12.7874,
5.2076

■ 120.0510, 56.6699,
23.6343

■ 227.3360, 3.7784,
1.4593

■ 101.7770, 65.6789,
27.3826

■ 245.0230, -4.9413,
-1.7742

■ 84.3890, 74.2512,
31.2308

■ 252.7200, -8.7360,
1.9996

■ 66.1150, 83.2603,
34.9791

■ 56.3910, 88.0542,
37.3681

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.9960, 42.8930, -37.7075



173.4000, 30.3688, 12.8042



173.8640, 13.3780, 49.2313

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



173.4000, 30.3688, 12.8042



167.8400, -37.3891, 45.7443



132.6370, 23.3500, -116.3226

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



173.4000, 30.3688, 12.8042



215.6000, -30.3688, -12.8042

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



150.7910, -6.7990, -59.4527



173.4000, 30.3688, 12.8042



164.9690, -39.9177, 16.6902

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173.4000, 30.3688, 12.8042



169.6910, -24.4977, 64.2920



160.0230, -28.6053, -18.4372



136.0230, 41.4007, -119.2922

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.4000, 30.3688, 12.8042



172.3360, 0.8204, 63.7263



160.0230, -28.6053, -18.4372



130.9270, 16.7980, -114.8230

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



173.4000, 30.3688, 12.8042



235.8400, 9.4459, 3.6483



190.8230, 21.7793, -32.2938



115.9170, 5.9569, 2.7038



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.4000, 30.3688, 12.8042



175.1260, 39.3779, 16.5525



185.3600, 24.4725, 37.3953



108.4500, 4.2152, 1.3594



43.3580, 67.8575, 28.6270



12.7340, 20.3441, 8.1263

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



183.5770, 8.5895, 45.0980



188.3490, 11.1669, 58.4529



203.6400, -24.4725, -37.3953



109.9730, 0.9993, 6.1627



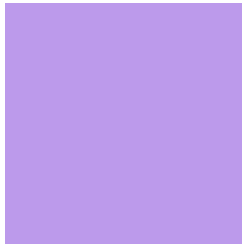
66.0890, 19.1831, 100.7769



19.6800, 5.5808, 30.0986

Previews

White Background



This preview shows how the YUV color 173.4000, 30.3688, 12.8042 looks on a white background.

Color Contrast Check

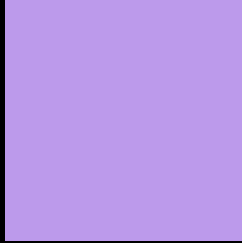
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 173.4000, 30.3688, 12.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

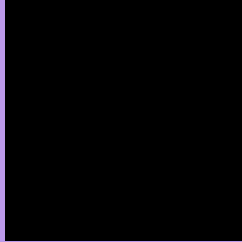
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.4000, 30.3688, 12.8042

Background



This preview shows how black text looks on a background with the YUV color 173.4000, 30.3688, 12.8042.



This preview shows how white text looks on a background with the YUV color 173.4000, 30.3688,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

173.4000, 30.3688, 12.8042

Protanopia

169.0150, 37.4606, -21.9382

Deuteranopia

169.3270, 30.8978, -16.9498



Tritanopia

170.3690, 3.7621, 6.6924

Trichromacy



Original Color

173.4000, 30.3688, 12.8042

Protanomaly

170.4080, 34.8019, -9.1278

Deuteranomaly

170.6920, 30.7178, -5.8689

Tritanomaly

171.6110, 13.5028, 9.1112

Monochromacy



Original Color

173.4000, 30.3688, 12.8042

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.0080, 11.3351, 4.3780

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.4000, 30.3688, 12.8042 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 154, 235)` looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 235)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 154, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 235) }
```

Border

The CSS property to change the border of an element to YUV 173.4000, 30.3688, 12.8042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 154, 235) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 154, 235) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 154, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 235);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 173.4000, 30.3688, 12.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 235) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
154, 235) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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